

COUNCIL ACTION FORM

SUBJECT: 2006/07 ANNUAL RESIDENTIAL STREET LOW POINT DRAINAGE IMPROVEMENTS (STANTON AVENUE AND CHAMBERLAIN STREET)

BACKGROUND:

This is the annual program for drainage improvements to decrease flooding at low points. Low point drainage improvements are not focused on residential street locations, but rather on those locations most in need of the improvements as affected by standing water, flooding, and insufficient pipe capacity. During heavy rain, some areas become flooded and damage to private property occasionally occurs. This program provides for installation of drainage improvements to decrease this flooding at low points. These improvements may include construction of detention areas, new pipe systems, and replacement systems for increasing the ability to control the runoff so that it can be carried by downstream systems.

The 2006/2007 project is at the intersection of Stanton Avenue and Chamberlain Street, which has experienced repeated events of localized flooding that impacts private property in the area. A study was completed for the drainage area to find the best solution to prevent future flooding at this intersection. This project involves increasing the drainage capacity by installing additional storm sewer along Stanton Avenue from Chamberlain Street to a box culvert north of Lincoln Way on Iowa State University property. This project will include boring a 24-inch storm sewer under Lincoln Way to minimize traffic impacts. Staff has coordinated the work with Iowa State University and will be finalizing an easement for the installation of the storm sewer on their property.

WHKS & Company has completed plans and specifications with estimated construction costs of \$209,000. Engineering and construction administration costs are estimated at \$65,000. This project is shown in the 2006/07 approved budget with financing in the amount of \$100,000 from the Storm Sewer Utility Fund. Additional funding for this project comes from Storm Sewer Utility Funds included in the 2007/08 Storm Sewer Intake Rehabilitation Program in the amount of \$122,000, and in the 2007/08 Storm Sewer Outlet Erosion Control Program in the amount of \$55,000.

ALTERNATIVES:

1. Approve the 2006/07 Annual Residential Street Low Point Drainage Improvements (Stanton Avenue and Chamberlain Street) by establishing December 3, 2008, as the date of letting and December 9, 2008, as the date for report of bids.
2. Reject the project.

MANAGER'S RECOMMENDED ACTION:

It is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving the 2006/07 Annual Residential Street Low Point Drainage Improvements (Stanton Avenue and Chamberlain Street) by establishing December 3, 2008, as the date of letting and December 9, 2008, as the date for report of bids.